







FIGURE 4-39 PENTACHLOROPHENOL CONCENTRATIONS IN SURFICIAL SOIL AT SITE G



FIGURE 4-40 CONCENTRATIONS OF SELECT ORGANIC CONTAMINANTS IN SURFACE SOILS AT SITE G

Table 4-10
SUMMARY OF ORGANIC CONTAMINATION OF SURFACE SOIL SAMPLES AT SITE G

Chemical Name	Number of Times Detected*	Highest Concentration Detected (mg/kg)	Sample Containing Highest Concentration	Grid Number of Highest Concentration
<u>Volatile Organics</u>				
4-methyl-2-pentanone	22	2	SS-33	D-5
toluene	9	1.4	SS-38	A-6
xylene	2	0.17	SS-38	A-6
ethylbenzene	2	0.14	SS-38	A-6
tetrachlorobenzene	10	0.06	SS-11	C-3
benzene	3	0.08	SS-38	A-6
<u>Semivolatile Organics</u>				
1,4-dichlorobenzene	4	22,000	SS-21	D-4
pentachlorophenol	14	21,000	SS-39	B-6
4-nitrophenol	1	1,000	SS-40	C-6
2-nitroaniline	4	220	SS-37	H-5
naphthalene	11	120	SS-17	H-3
pyrene	12	85	SS-15	G-3
benzo-b-fluoranthene	10	48	SS-16	G-3
chrysene	11	39J	SS-15	G-3
1,2,4-trichlorobenzene	8	35	SS-34	E-5
benzo-a-pyrene	13	22J	SS-15	G-3
fluoranthene	11	45	SS-16	G-3
phenanthrene	10	40J	SS-15	G-3
dibenzo(a,h)anthracene	6	5.4	SS-43	B-7
indeno(1,2,3-cd)pyrene	5	5.2	SS-43	B-7
dibenzofuran	3	0.9J	SS-11	C-3
2,4-dichlorophenol	2	6.2	SS-40	C-6
2-methylnaphthalene	3	1J	SS-11	C-3

Table 4-10 (Cont.)

Chemical Name	Number of Times Detected*	Highest Concentration Detected (mg/kg)	Sample Containing Highest Concentration	Grid Number of Highest Concentration
benzo(g,h,i)perylene	5	1.5J	SS-43	B-7
benzo(k)fluoranthene	4	10	SS-25	G-4
<u>Pesticides/PCBs</u>				
4,4'-DDE	5	0.3	SS-07	I-2
Aroclor 1248	13	24,000	SS-11	C-3
Aroclor 1254	6	29,000	SS-11	C-3
Aroclor 1260	36	21,000	SS-11	C-3

* A total of 43 surface soil samples were collected at Site G. The numbers listed indicate the number of samples, of the total of 43, in which each compound was detected.

J Estimated values. Result is greater than zero, but less than the specified detection limit.

Source: Ecology and Environment, Inc. 1988.